

APPENDIX A - PENDING CLAIMS

1. A plastics film filled with a filler and having diffuse reflective properties, the film bearing a coating which contains a photosensitive organic compound.
2. A film as claimed in claim 1, wherein the photosensitive organic compound is a photochromic compound.
3. A film as claimed in claim 2, wherein the photochromic compound is a fulgide or diarylethene.
5. A film as claimed in claim 12, wherein the polymer is polystyrene.
11. An information storage device as claimed in claim 17, wherein the mask is perforated with holes of diameter 1 to 5mm and has a thickness of 0.5 to 2.5 times the diameter of the holes.
12. A film according to claim 1, wherein the photosensitive organic compound is dispersed at molecular level in a coating of a polymer which is compatible with the compound but does not react with it nor cause it to crystallise nor substantially absorb light of wavelengths to which the photosensitive compound is sensitive.
13. A film according to claim 1, which bears the coating containing a photosensitive organic compound on one side and is metallised on its reverse side.
14. A film according to claim 1, wherein the filler is a white pigment.

15. A film according to claim 1, which has a diffuse reflectivity of at least 85% and a specular reflectivity of no more than 3%, based on the reflectivity of a standard barium sulphate plate.

16. A film according to claim 1, containing from 0.5 to 2% by weight based on the coating of a non-photosensitive, light-absorbing compound.

17. An information storage device comprising in combination:

(a) a plastics film filled with a filler and having diffuse reflective properties, the film bearing a coating which contains a photosensitive organic compound; and

(b) a perforated mask disposed on a coating-bearing side of the film.

18. A laminate comprising a plastics film filled with titania filler and having a diffuse reflectivity of at least 85% and a specular reflectivity of no more than 3%, based on the reflectivity of a standard barium sulphate plate, and a polystyrene coating containing a photochromic fulgide.

19. A method for the manufacture of a photosensitive plastics film filled with a filler and having diffuse reflective properties, the film bearing a polymeric coating which contains a photosensitive organic compound, wherein the polymer and photosensitive compound are dissolved in a solvent and the composition so formed is applied to the film by a printing technique.

20. A method according to claim 19, wherein the composition is applied to the film by gravure printing.

21. A method according to claim 19, wherein the side of the film not coated by the composition is metallised prior to said coating step.

22. A method according to claim 19, wherein the composition is applied to the film in the form of spots.

23. A method according to claim 22, wherein the composition is applied to the film as an array of circular spots disposed in groups, with the groups being disposed in a regular square array.

New claim 23 is supported on page 6, lines 27-33, of the application. No new matter is introduced by this preliminary amendment. A copy of amended claims 5 and 11 showing deletions is attached as Appendix A. A clean copy of all of the pending claims is attached as Appendix B.

The attached Abstract of the Disclosure is supported throughout the specification.

Applicants respectfully request consideration of the amended pending claims.

The Director of the U. S. Patent and Trademark Office is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees paid on the filing, or during prosecution of this application to Deposit Account No. 08-3040.

Respectfully submitted,

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APPENDIX A - AMENDED CLAIMS

5. (Amended) A film as claimed in claim [4] 12, wherein the polymer is polystyrene.

11. (Amended) An information storage device as claimed in claim [10] 17, wherein the mask is perforated with holes of diameter 1 to 5mm and has a thickness of 0.5 to 2.5 times the diameter of the holes.